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(54) Title: PROCESS FOR MAKING A THERMOPLASTIC VULCANIZATES

(57) Abstract: A process for making a thermoplastic vulcanizate (TPV) in a reactor is provided wherein a mixture is formed in which a silane grafted resilient polymer component is dispersed in a thermoplastic matrix component. The mixture is formed by mixing in a reactor a) from 25 to 60 parts by weight of a resilient polymer component per 100 parts by weight of the matrix component and resilient polymer component combined, b) from 40 to 75 parts by weight of a matrix component, per 100 parts by weight of the matrix component and resilient polymer component combined; and c) a silane grafting agent. The silane grafted resilient polymer component is crosslinked by adding a solid water-generating agent to the reactor.